Teacher Notes– THE CINEMA CHAIN PART B

Scenario

You have been asked to create a database for the East Berkshire Cinema Multiplex. Currently all records are stored on a spreadsheet.

The Cinema would like to be able to store and report data on how the cinema is used. The cinema has two screens, one has 500 seats, the other has 400 seats

The cinema has several films showing and it records the different types of film.

Films belong to categories U, PG, 12, 15 and 18.

When people go to the cinema they can:

- Pick the screen
- Pick the date of the performance
- Book tickets. The minimum number booked is 1 and the maximum booked is 5
- Pick the seat type – standard seating is £10, Luxury seating is £15, Premium is £20.

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General Information

The activities presented here follow the style of the new 5 hour format for the Unit 2 NEA from Pearson.

This NEA style was created in a direct response to the instances of mass cheating and plagiarism that occurred under the old-style assessment where students had 10 hours to work on a single database. What happened was students went online to various forums and shared the question paper and the answers.

To respond to this, Pearson has cut down the NEA to 5 hours.

In Part A students are required to build a database and create some simple queries and reports and carry out testing.

In Part B, students are **GIVEN** a brand new database and are required to create forms for this.

The days and times of the exams are set by Pearson and are no longer at the institution's discretion.

The idea is that is it now impossible for students to share answers online. The downside is that although the amount of material for students to produce in the NEA has been substantially reduced, the course content remains the same.

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Part B

Here students are given a new database filled with tables and data.

Students are **NOT** expected to look at this.

They are **NOT** to change the data model or any validation.

They will be expected to create some simple data entry forms with some calculated fields.

This activity uses a similar database to the one they have been using except:

- The primary keys are autonumbered
- There is a new table called tblStock.

Students are only to use tblFilm and tblStock. You will notice that tblBooking is missing. This is by design as it is not required for any query and serves to show how the database is different.

Forms will work from a single table and students should not be expected to create join queries or subforms. There is simply not enough time.

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Activity 6

This is fairly straightforward. The forms are simple data entry or report forms with calculated fields.

Remember to set the form property data entry to YES when the form is submitting data to the database, and NO when it is not.

Use the expression builder where possible to build the form calculations.

Remember to

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